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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,840	02/23/2004	Kazunori Abe	8015-1026	5535

466 7590 03/13/2006

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EXAMINER
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ABRAMS, NEIL

ART UNIT	PAPER NUMBER
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2839

DATE MAILED: 03/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/782,840

Applicant(s)

ABE

Examiner

Neil Abrams

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-12, 14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7-12 is/are allowed.
- 6) ☒ Claim(s) 1-6 and 14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

Figure 1, objected to, "22" on door is incorrect.

1. In addition to Replacement Sheets containing the corrected drawing figure(s), applicant is required to submit a marked-up copy of each Replacement Sheet including annotations indicating the changes made to the previous version. The marked-up copy must be clearly labeled as "Annotated Sheets" and must be presented in the amendment or remarks section that explains the change(s) to the drawings. See 37 CFR 1.121(d)(1). Failure to timely submit the proposed drawing and marked-up copy will result in the abandonment of the application.

Abstract is objected to, line 2, after "sink" - - with fins, certain ones of which form electrodes "should be added, "in" and "set" should be - - into - - and - - inserted - -, line 4, after "of a" - - static discharge - -, line 6, after "sink" - - electrodes - - should be added, line 10, after "circuit" (ground) should be added, and "insertion" should be deleted. At end - - A pivot door (14) may be used and includes pins(24) for blocking door closure if the lamp unit is not properly inserted and also includes a switch interlock (20) for effecting power to the lamp unit. Rotational inserting/ejecting levers may also be used - - should be added.

2. Claim 1 is rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Douglas.

3. Douglas includes housing 1, lamp 11 and power contacts 7, 18, the ones at 18 being braised and mounted for sliding motion. Reference to use with endoscopes does

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not provide structural distinction over Douglas. Should issues arise, recited features deemed obvious variations.

4. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Karasawa in view of Klostermann, ~~and~~ Cullen *and Wawro*

5. Karasawa, figure 49 includes light source housing 157 to receive light source 22, the light source power contacts 152 engaging housing power contacts 160. Also see figure 41 with light source contacts engaging housing sockets 119. Karasawa lacks biased sliding contacts on the housing. Klostermann at 25, 13 and Cullen, figure 3 use mating contact with one of the pair being sliding and spring biased. Obvious to use such type in Karasawa, figure 29 to enable low friction contact engagement.

6. Claim 2 also met by the figure 49 assembly. Claim 3 met by figure 41 holder

154. The exact material used would be a matter of obvious choice. The mount is only *as shown by Wawro at 36 (lamp mount)* for holding the heat sink. Obvious to use such a member in figure 49 to keep heat sinks *in view of Wawro* aligned such feature producing no unexpected result. For claims 4, 5, outer cases and doors are used in figure 49 at 157, 155 and doors 30, 81, 172, 227 in figures 3, 14, 52, 61. These doors cannot be closed if the light source is only part way inserted. Since the reference doors inherently serve the disclosed purpose as indicators, the recitation of added safety means or pin only define obvious changes producing no new result over the patent doors.

7. For claim 6, Karasawa, figure 61 includes interlock at 231, 236, and 232.

Obvious to use same in figure 49 device to increase safety.


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8. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Karasawa.

9. The patent is applied as above. See figures 49, 3, 80, doors 30, etc. Obvious that these doors cannot close unless the lamp is substantially properly positioned. Use of added means (pins) seen to be obvious variation producing no new result over use of patent doors.

10. Claims 7-12 are allowed.

Any inquiry concerning this communication should be directed to Neil Abrams at telephone number 571-272-2089

  
NEIL ABRAMS  
EXAMINER  
ART UNIT 322